

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021036.D
 Acq On : 03 Feb 2025 17:47
 Operator : SY/MD
 Sample : Q1216-09
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:58:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.71
34) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/l	-8.62
63) Chlorobenzene-d5	11.456	117	23	50.000	ug/l	# 0.04
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	25	0.000	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.133	98	115	0.000	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

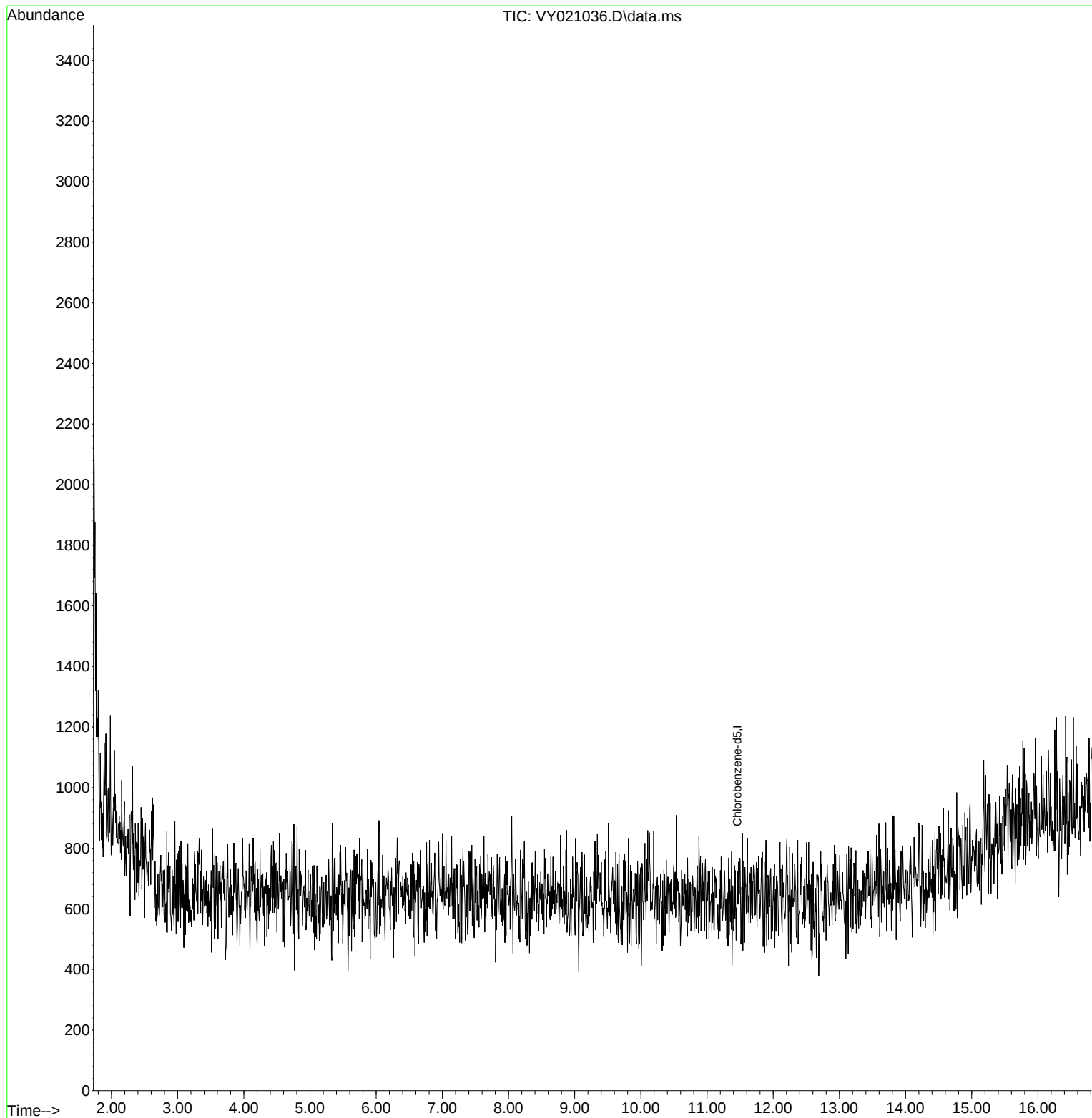
Target Compounds Qvalue

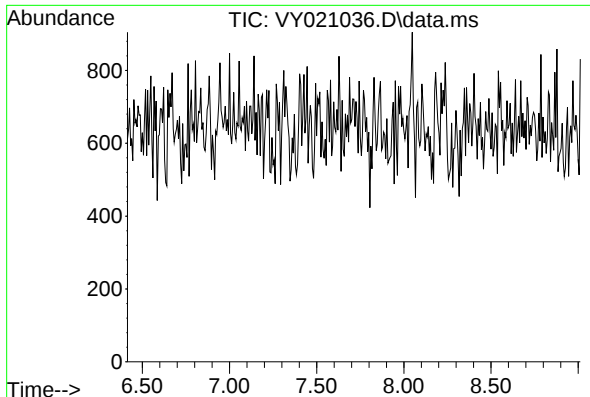
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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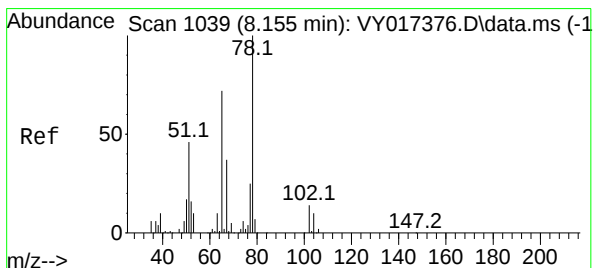
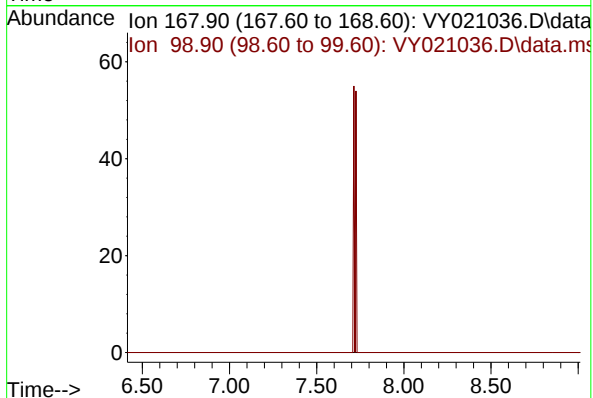




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 7.71 min
 Lab File: VY021036.D
 Acq: 03 Feb 2025 17:47

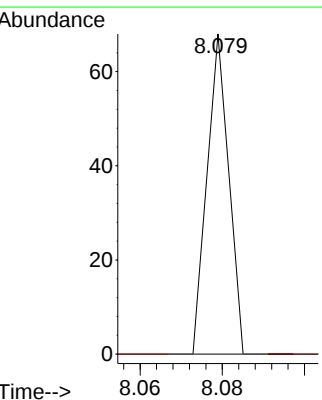
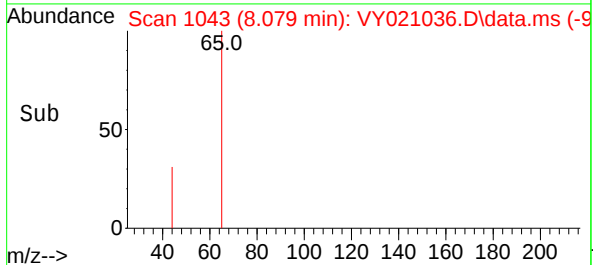
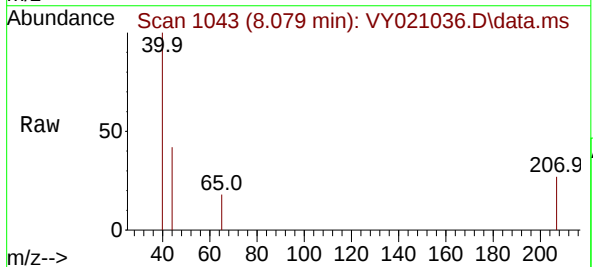
Instrument :
 MSVOA_Y
 ClientSampleId :

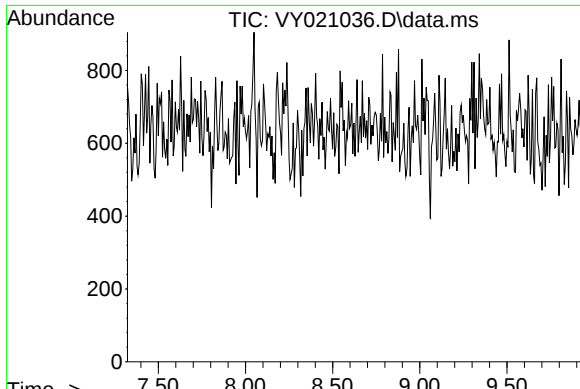
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 55.3



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.079 min Scan# 1043
 Delta R.T. 0.012 min
 Lab File: VY021036.D
 Acq: 03 Feb 2025 17:47

Tgt Ion: 65 Resp: 25
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 109.0



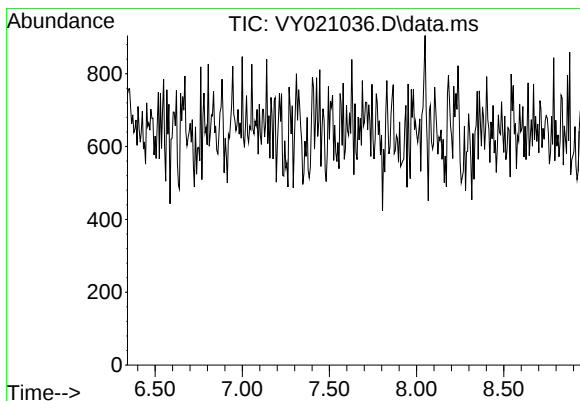
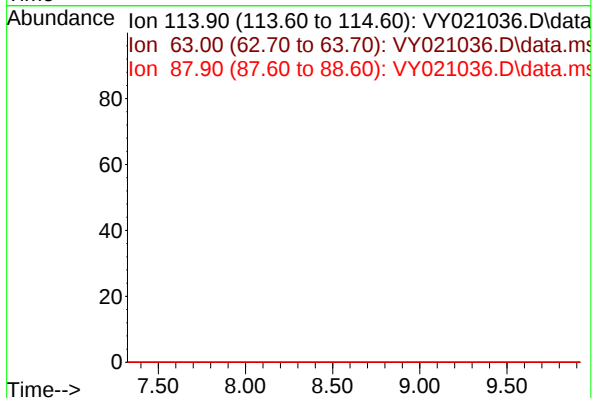


#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.62 min
 Lab File: VY021036.D
 Acq: 03 Feb 2025 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 114

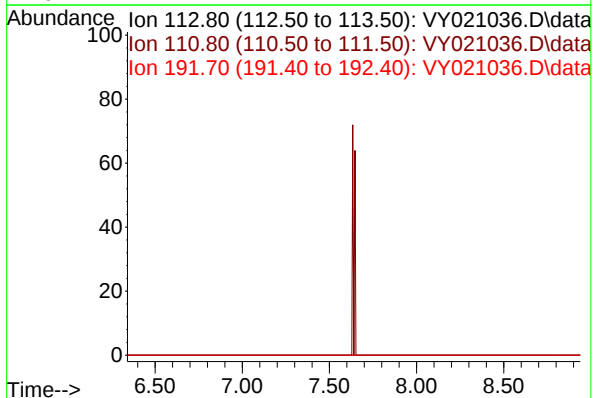
Sig	Exp Ratio
114	100
63	18.7
88	14.5

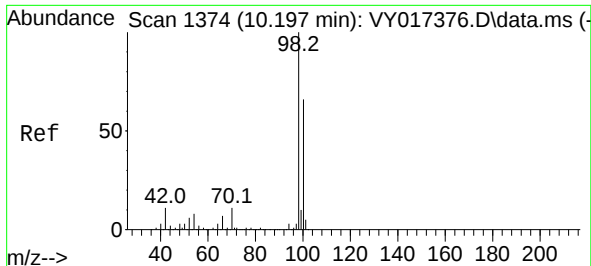


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.64 min
 Lab File: VY021036.D
 Acq: 03 Feb 2025 17:47

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	104.7
192	18.1





#50

Toluene-d8

Concen: 0.000 ug/l

RT: 10.133 min Scan# 14

Delta R.T. 0.024 min

Lab File: VY021036.D

Acq: 03 Feb 2025 17:47

Instrument :

MSVOA_Y

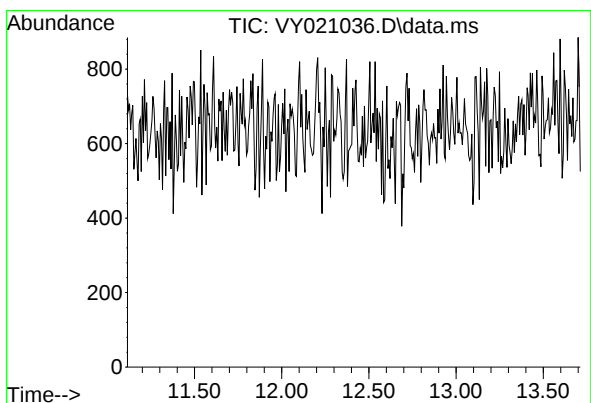
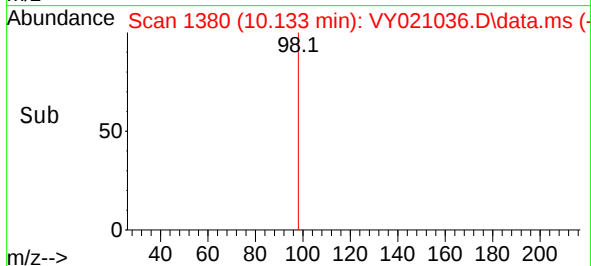
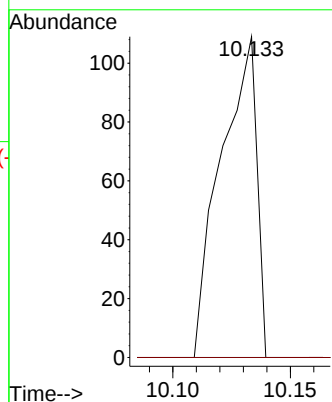
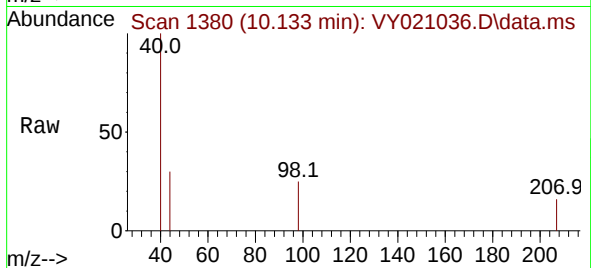
ClientSampleId :

Tgt Ion: 98 Resp: 115

Ion Ratio Lower Upper

98 100

100 0.0 52.3 78.5#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.41 min

Lab File: VY021036.D

Acq: 03 Feb 2025 17:47

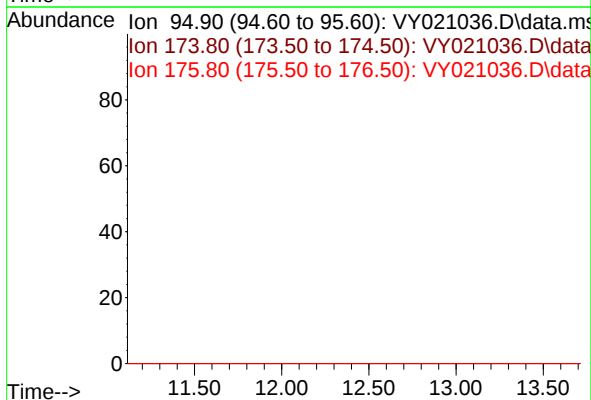
Tgt Ion: 95

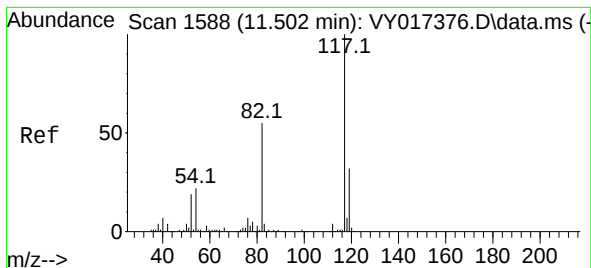
Sig Exp Ratio

95 100

174 80.0

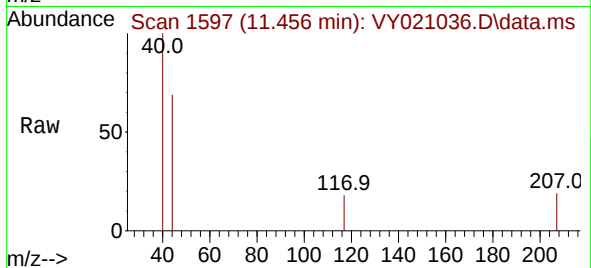
176 75.9



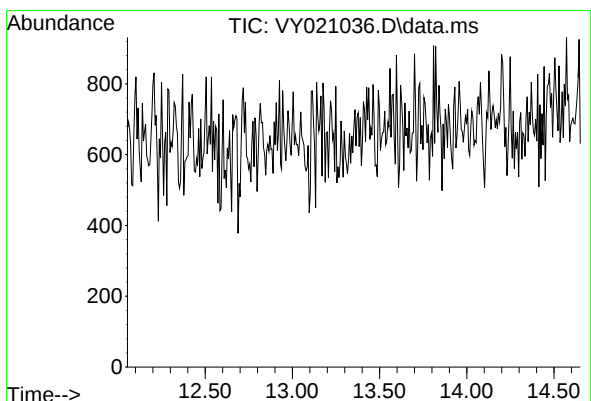
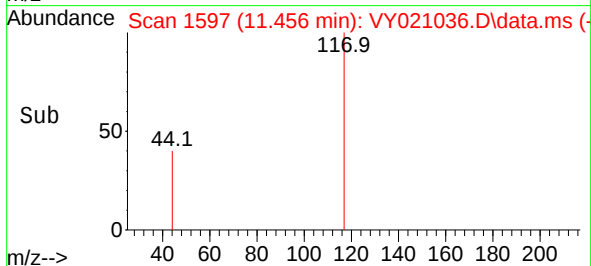
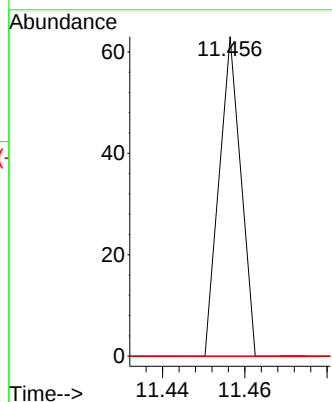


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.456 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY021036.D
Acq: 03 Feb 2025 17:47

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:117 Resp: 23
Ion Ratio Lower Upper
117 100
82 0.0 43.8 65.8#
119 0.0 26.5 39.7#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min

Lab File: VY021036.D
Acq: 03 Feb 2025 17:47

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.0
150 172.3

